


February 5, 2003

TO: Robin Hylton, Art Unit 3727
CP2, Room 9-D-31

FROM: Jeanne Horrigan, EIC-3700 

SUBJECT: Search Results for Serial #09/966761

Attached are the search results for the "Circular Dispensing Container," including results of prior art and inventor searches in foreign patent databases, and prior art searches in product, pharmaceutical, and packaging technology non-patent databases. I also searched the Web using the Google Web and Image search engines.

You also asked for information about the "Polo" container. I believe it is a container designed for Nestle's Polo Mints. Attached is an article about this container; the article is labeled "Polo" on the yellow tag.

I tagged the items that seemed to me to be most relevant, but **I suggest that you review all of the results.**

Also attached is a "*Search Results Feedback Form*." Your feedback will help enhance our search services.

I hope these results are useful. Please let me know if you would like me to expand or modify the search or if you have any questions.

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Robin Hyllton Examiner #: 72454 Date: _____
 Art Unit: 3727 Phone Number 30 81208 Serial Number: 09/966761
 Mail Box and Bldg/Room Location: CP2 9D31 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Circular dispensing container
 Inventors (please provide full names): Robert Cleary Barnes, Scott Lee Fisher, Donald Allen Scott, David John Jochem
 Earliest Priority Filing Date: 10/1/01

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

*hinged flip lid (also called "push & flip" lid)
 on one-piece circular container.*

Press a spot on top to partially open, then can open lid all the way.

*But total opening = less than 90% of circle
 Opening is circumferential.*

Also see if can find info on "roll" pictures.

STAFF USE ONLY

Staff Use Only	Type of Search	Vendors and cost where applicable
Searcher: <u>JEANNE HERRIGAN</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5934</u>	AA Sequence (#) _____	Dialog <input checked="" type="checkbox"/>
Searcher Location: <u>CP2-2C08</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>9/4/01</u>	Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____
Date Completed: <u>2/5</u>	Litigation <input checked="" type="checkbox"/>	Lexis/Nexis _____
Searcher Prep & Review Time: <u>122</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: <u>83</u>	Patent Family _____	WWW/Internet <input checked="" type="checkbox"/>
Online Time: _____	Other _____	Other (specify) _____

431 374

24/3,K/1 (Item 1 from file: 53)
DIALOG(R)File 53:FOODLINE(R): Food Science & Technology
(c) 2003 LFRA. All rts. reserv.

00666384 FOODLINE ACCESSION NUMBER: 472131

Packaging news.

Anon

Confectionery Production (June), 64 (6), 32-33 (0 ref.)

1998

ISSN NO: 0010-5473

LANGUAGE: English

DOCUMENT TYPE: Journal article

...ABSTRACT: following products are considered briefly: Double S Group UV flexo labels for Rowse honey; RPC **Containers Polo mint** -shaped pack for Nestle Supermints; Weir Technology wrappers, cartons and carton outers for Nestle Yorkie...

24/3,K/2 (Item 1 from file: 248)
DIALOG(R)File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00509921 Pira Acc. Num.: 20111029

Title: Mini pack marks 50 years of Polos

Authors: Anon

Source: Packag. Mag vol. 1, no. 12, 18 June 1998, p. 5

ISSN: 0267-6117

Publication Year: 1998

Document Type: Journal Article

Language: English

COMPLETED

FEB 10 2003

Abstract: RPC Market Rasen has designed a 2 piece mint pack **container** formed in the shape of the circular **Polo mint**. The **container** was developed for the launch of Nestle's Polo Supermints, a miniaturised version of the...

... Polo pack opens a small lid, which permits the mints to be tipped out. The **containers** are flow-wrapped in an outer carton produced by First Cartons. (Short article)

File 6:NTIS 1964-2003/Feb W1
(c) 2003 NTIS, Intl Cpyrght All Rights Res
File 8:EI Compendex(R) 1970-2003/Jan W4
(c) 2003 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2003/Jan W4
(c) 2003 Inst for Sci Info
File 51:Food Sci.&Tech.Abs 1969-2003/Jan W4
(c) 2003 FSTA IFIS Publishing
File 53:FOODLINE(R): Food Science & Technology 1972-2003/Feb 03
(c) 2003 LFRA
File 65:Inside Conferences 1993-2003/Feb W1
(c) 2003 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2003/Nov W3
(c)2003 Japan Science and Tech Corp(JST)
File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Dec
(c) 2003 The HW Wilson Co.
File 144:Pascal 1973-2003/Jan W4
(c) 2003 INIST/CNRS
File 248:PIRA 1975-2003/Jan W4
(c) 2003 Pira International
File 252:Packaging Sci&Tech 1982-1997/Oct
(c) 1997 by Fraunhofer-ILV, Germany
File 323:RAPRA Rubber & Plastics 1972-2003/Feb
(c) 2003 RAPRA Technology Ltd
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 35:Dissertation Abs Online 1861-2003/Jan
(c) 2003 ProQuest Info&Learning

Set	Items	Description
S1	1	(HINGED OR PUSH OR PRESS) (2W) FLIP() (LID OR LIDS)
S2	241065	CONTAINER? ? OR RECEPTACLE? ? OR HOLDER? ?
S3	337667	CIRCULAR OR ROUND
S4	578	(DOUGHNUT OR DONUT) () SHAPE? ?
S5	28859	UNITARY OR (ONE OR SINGLE) () PIECE
S6	27599	CIRCUMFERENTIAL??
S7	752797	OPEN???
S8	1757	DOUGHNUT OR DONUT(3N) SHAPE? ?
S9	3747	S2 AND (S3 OR S4 OR S8)
S10	245	S5(5N) S2
S11	6	S9 AND S10
S12	0	S1 AND S11
S13	0	S11/2003 OR S11/2002
S14	23	(HINGE? ? OR PUSH OR PRESS) (2W) FLIP
S15	979387	CLOSURE? ? OR LID OR LIDS OR CAP OR CAPS OR COVER????
S16	13	S14(5N) S15
S17	0	S8 AND S16
S18	12	S16 NOT S1
S19	11	RD (unique items)
S20	0	S19/2003 OR S19/2002
S21	6	S19 AND S2
S22	13	POLO() MINT? ?
S23	2	S2 AND S22
S24	2	RD (unique items)

1/3,K/1 (Item 1 from file: 248)
DIALOG(R) File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00630779 Pira Acc. Num.: 20223029

**Title: Sprinkling with a flip lid: new hinged flip lid closure with
integral sprinkler from Zeller Plastik**

Authors: Anon

Source: Packag. Mag. vol. 5, no. 22, 12 Dec. 2002, p. 14

ISSN: 0267-6117

Publication Year: 2002

Document Type: Journal Article

Language: English

**Title: Sprinkling with a flip lid: new hinged flip lid closure with
integral sprinkler from Zeller Plastik**

Abstract: Sarsons is fitting its tabletop vinegar bottles with a new
**hinged flip lid closure with integral sprinkler from Crown Cork and
Seal company Zeller Plastik. Called the Zelsnap...**

11/6/1 (Item 1 from file: 51)
00827689 2001-Fv0265 SUBFILE: FSTA
Collapsible container for holding foodstuffs, and methods of using
same.
2001

11/6/2 (Item 1 from file: 53)
00892959 FOODLINE ACCESSION NUMBER: 566455
Container with combination convex/concave bottom.
PATENT: US 6293422 B

11/6/3 (Item 2 from file: 53)
00525370 FOODLINE ACCESSION NUMBER: 464321
Two-piece plastic container and removable cover.
PATENT: US 5713484 B

11/6/4 (Item 3 from file: 53)
00345207 FOODLINE ACCESSION NUMBER: 372142
Device for bundling up containers , in particular beverage containers ,
into a unitary set.
PATENT: EP 647198 A1
PATENT: WO 9401342 DATE:19940120

11/6/5 (Item 1 from file: 248)
00154994 Pira Acc. Num.: 7332511 Pira Abstract Numbers: 03-87-00919
Title: DORTON MOVE INTO FIBC MARKET
Publication Year: 1986

11/6/6 (Item 1 from file: 323)
00626274
TITLE: (Trade Name Record)

21/6/3 (Item 2 from file: 248)
00580886 Pira Acc. Num.: 20179736
Title: **Bold shoulder adds interest**
Publication Year: 2000

21/6/4 (Item 3 from file: 248)
00408659 Pira Acc. Num.: 20029856
Title: **DUAL CHAMBERS FOR DUAL ACTION MOUTHWASH**
Publication Year: 1995

21/6/5 (Item 4 from file: 248)
00056103 Pira Acc. Num.: 4333024 Pira Abstract Numbers: 03-82-03024
Title: **The production of carton blanks - comparison of sheet-fed and reel-fed production**
Publication Year: 1981

21/6/6 (Item 1 from file: 323)
00637533
TITLE: **ZELLER FRESH AGAIN**
?t21/7/1,2,6

21/7/1 (Item 1 from file: 53)
DIALOG(R) File 53:FOODLINE(R): Food Science & Technology
(c) 2003 LFRA. All rts. reserv.

00474068 FOODLINE ACCESSION NUMBER: 455092
Container with sealed closure before opening, containing a content and method of packaging such a content.

Roy D

PATENT ASSIGNEE: Novembal

PATENT: EP 801007 A1

APPLICATION COUNTRY: FR (DATE(S):19960410)

PRIORITY APPLICATION DATE: 19970228

DESIGNATED STATES: SeepatentdocumentforDesignatedContractingStates.

X-REFERENCE: BEVERAGE PACKAGING

LANGUAGE: French

DOCUMENT TYPE: Patent

FOODLINE UPDATE CODE: 19971118

ABSTRACT: The disclosed **container** is suitable for flowable products, e.g., milk and fruit juice products, that require thermal treatment such as sterilisation. The **container** is made of a plastic material such as polyethylene or polypropylene, and is capped with a tamper-evident closure of a material compatible with that used for the **container**, to assist recycling. The closure comprises a base incorporating a tearable seal, and a **cap** attached by a **hinge** or a **flip cap**. The base of the **closure** is welded to the neck of the **container** after filling and before the thermal treatment takes place. This obviates the need to allow for deformations caused by the heat treatment.

SECTION HEADING: PACKAGING

21/7/2 (Item 1 from file: 248)
DIALOG(R) File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00583509 Pira Acc. Num.: 20182109

Title: **On display: dispensers**

Authors: Anon

Source: Cosmet./Pers. Care Packag. vol. 5, no. 6, Nov.-Dec. 2000, pp 74, 76, 78

Publication Year: 2000

Document Type: Journal Article

Language: English

Pira Subfiles: International Packaging Abstracts (PK)

Journal Announcement: 0103

Abstract: A review of dispensing closures is presented. From Tricor Braun comes the Tricos inset trigger actuated spray that produces an aerosol like fine mist. O Berk Co, US, produces a range of disc, poly and snap top type closures, while Carow Packaging produces a 28mm Universal Adaptor. Low profile pumps with easy press actuators are available from Emsar Inc and Zeller Plastik has introduced a 20-415 butterfly **hinged flip** top dispensing **closure**. Seaquist **Closures** is producing closures in a frosty finish, while Airspray International supplies a non aerosol foamer for Sanex Foamwash. Products from Rexam Closures and **Containers**, Packaging Concepts Associates Inc, Mega Pumps LP, Valois of America, Exxel **Containers** Inc, Rexam Sofab and Risdon-AMS, are also featured.

21/7/6 (Item 1 from file: 323)

DIALOG(R)File 323:RAPRA Rubber & Plastics

(c) 2003 RAPRA Technology Ltd. All rts. reserv.

00637533

TITLE: ZELLER FRESH AGAIN

SOURCE: Plastics and Rubber Weekly; No.1690, 13th June 1997, p.9

ISSN: 0032-1168

JOURNAL ANNOUNCEMENT: 199709 RAPRA UPDATE: 199717

DOCUMENT TYPE: Journal Article

LANGUAGE: English

SUBFILE: (R) RAPRA

ABSTRACT: Radox Showerfresh shower gel has been relaunched in a new pack that features ZelValve non-drip dispensing closures from Zeller Plastik. The PP ZelValve **closures** now have a Zelsnap **hinged flip** -top **lid** with positive action for easy one-handed opening. Lawson Mardon Fibrenyle made the 250ml HDPE **containers** and Howards Labels made the self-adhesive PE labels, it is briefly reported.

File 9:Business & Industry(R) Jul/1994-2003/Feb 03
 (c) 2003 Resp. DB Svcs.
 File 95:TEME-Technology & Management 1989-2003/Jan W3
 (c) 2003 FIZ TECHNIK
 File 141:Readers Guide 1983-2003/Dec
 (c) 2003 The HW Wilson Co
 File 481:DELPHES Eur Bus 95-2003/Jan W4
 (c) 2003 ACFCI & Chambre CommInd Paris
 File 482:Newsweek 2000-2003/Jan 31
 (c) 2003 Newsweek, Inc.
 File 484:Periodical Abs Plustext 1986-2003/Jan W4
 (c) 2003 ProQuest
 File 635:Business Dateline(R) 1985-2003/Feb 01
 (c) 2003 ProQuest Info&Learning
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Feb 03
 (c) 2003 The Gale Group
 File 646:Consumer Reports 1982-2003/Jan
 (c) 2003 Consumer Union
 File 609:Bridge World Markets 2000-2001/Oct 01
 (c) 2001 Bridge
 File 610:Business Wire 1999-2003/Feb 04
 (c) 2003 Business Wire.
 File 613:PR Newswire 1999-2003/Feb 04
 (c) 2003 PR Newswire Association Inc
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 20:Dialog Global Reporter 1997-2003/Feb 04
 (c) 2003 The Dialog Corp.

Set	Items	Description
S1	0	(HINGED OR PUSH OR PRESS) (2W) FLIP() (LID OR LIDS)
S2	846777	CONTAINER? ? OR RECEPTACLE? ? OR HOLDER? ?
S3	1253434	CIRCULAR OR ROUND
S4	1143	(DOUGHNUT OR DONUT) () SHAPE? ?
S5	52774	UNITARY OR (ONE OR SINGLE) () PIECE
S6	3109	CIRCUMFERENTIAL??
S7	5624431	OPEN???
S8	78	(HINGE? ? OR PUSH OR PRESS) (2W) FLIP
S9	3755265	CLOSURE? ? OR LID OR LIDS OR CAP OR CAPS OR COVER????
S10	20	S8(5N)S9
S11	7	S2(S)S10
S12	6	RD (unique items)
S13	1	S12/2003 OR S12/2002
S14	5	S12 NOT S13

14/9/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

03188630 (THIS IS THE FULLTEXT)

Sleeved bottle offers eyecare convenience in a wink
(Allergan Inc offers Complete multipurpose solution for contacts in
redesigned packaging)

Packaging Digest, v 38, n 5, p 4
May 2001

DOCUMENT TYPE: Journal ISSN: 0030-9117 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 436

TEXT:

Global health care/eye care/pharmaceutical manufacturer Allergan, Inc., Irvine, CA, is betting that redesigned packaging for its Complete(R) multipurpose solution for soft contact lenses that cleans and disinfects the lenses without rubbing will rub consumers just the right way. A new 12-oz bottle of the sterile solution, which went national in December, offers increased convenience and manageability with a handy base cup that snaps on and off the base of the bottle to hold various items. The cup is suitable for housing literature, a small eye dropper, coupons and a contact lens case. Said to lock-in moisture, Complete cleans, rinses and disinfects lenses and now, stores them as well. Retail-priced in the Chicago area at about \$5.49 to \$6, the sleek bottle is sleeved in an eye-opening full-body label, of cobalt blue polyethylene glycol shrink film, chosen for its ability to provide the right shrink to conform to the rocket-shaped bottle's panels. Allergan applies the proprietary 50-micron sleeve label using Model 75-ERL Shrinksealer machines from PDC Intl.

Graphics, including the brand's signature winking-eye logo in yellow, are reverse-printed by gravure in six colors. Allergan Medial Plastics molds both the high-density polyethylene bottle and base cup in-house. The sleek, curved shape of the bottle is easy to hold; it is probably the only one for a national lens solution brand with a removable built-in lens **holder** base cup. The removable blue HDPE storage base cup bears a pressure-sensitive label printed with "Pull Cup Down to Open" and arrows pointing downward. The brand is clearly identifiable via the bright blue heat-shrinkable sleeve. The sleeve is perforated at the tamper-evident cap area to allow for easy removal at a point printed with a series of arrows. A proprietary cone-shaped blue **hinged flip-top cap**, also molded by Allergan Medical Plastics, provides key single-handed dispensing convenience and a smoother, sleeker look, than the strap caps often topping lens solution bottles, says Allergan's Rodney Terwillger, senior package engineer. "Nothing else out there looks like this new package."

Unlike the previous bottle, the new blue-film-sleeved version is marketed without an outer paperboard carton. Allergan installed two of the PDC 75-ERL Shrinksealers to apply the full-bottle sleeve--one machine is in place at the company's plant in Waco, TX, while a sister system was built by PDC Europe and added on a new line in Westport, Ireland. Each machine was built according to local specifications and codes, in order to meet requirements of the multinational customer. The new, improved solution has also passed extensive tests, meeting Food & Drug Administration requirements that confirm daily use of Complete can clean lenses without rubbing, eliminating a step for many wearers.

Copyright 2001 Cahners Business Information

COMPANY NAMES: ALLERGEN

INDUSTRY NAMES: Pharmaceutical

PRODUCT NAMES: Ophthalmic preparations (283455)

CONCEPT TERMS: All product and service information; Product introduction

GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

14/9/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01595396 (THIS IS THE FULLTEXT)
Cosmic Spinning Zing Zong with Tart 'n Tangy Candy; Candy-Filled Scooter; Candy-Filled Water Bottle
(Galerie au Chocolat is distributing three new novelty candy products for kids. The first is the Cosmic Spinning Zing Zong)
Product Alert, v 26, n 17, p N/A
September 09, 1996
DOCUMENT TYPE: Journal ISSN: 0740-3801 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 166

TEXT:
According to information obtained at a national trade show, Galerie au Chocolat, located in Cincinnati, OH, is distributing three new novelty candy products for kids. The first is the Cosmic Spinning Zing Zong with Tart 'n Tangy Candy. The candy comes packaged in a plastic dispenser which also functions as the launcher for the spinning top located on the bottom. This toy is recommended for children ages 3 and up and is manufactured by The Jelly Bean Factory of Cincinnati, Ohio. The second is a Candy-Filled Water Bottle. This reusable plastic water bottle comes with various individually wrapped candies and a small toy located inside. The **container** also has a shoulder strap and a **push** -button **flip** -top **cap** with a built-in straw. The third type is a plastic Candy-Filled Scooter which, after the candies are removed, can be used as a coinbank. These products have a suggested retail price of \$2.99, \$2.99 and \$1.99, respectively. For sample retrieval information, please call: Marketing Intelligence Service, Ltd., (716) 374-6326.

Copyright 1996 Marketing Intelligence Services Ltd.

COMPANY NAMES: GALERIE AU CHOCOLAT; JELLY BEAN FACTORY
INDUSTRY NAMES: Candy; Food; Snack foods; Toys & games
PRODUCT NAMES: Nonchocolate candy (206458); Toys except dolls, games, hobbies and electronic toys (394437)
CONCEPT TERMS: All product and service information; Product introduction
GEOGRAPHIC NAMES: North America (NOAX); United States (USA)

14/9/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

00002255 (THIS IS THE FULLTEXT)
Zeller aids relaunch
(Sara Lee is using ZelValve non-drip dispensing closures from Zeller Plastik for the relaunch of its Radox Showerfresh range)
Soap, Perfumery & Cosmetics, v 70, n 7, p 47
July 1997
DOCUMENT TYPE: Journal ISSN: 0037-749X (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 140

TEXT:
ZELLER Plastik has supplied ZelValve non-drip dispensing closures to Sara Lee for the relaunch of its Radox Showerfresh range. The ZelValve is incorporated into a new hooked container and dispensing closure designed by Designed Bridge of London, UK.

Zeller's polypropylene ZelValve now features a Zelsnap **hinged flip** -top **lid** wit positive action for one-hand opening. Pilot tooling and production moulds were designed and manufactured in-house by Zeller Engineering in

Germany, Lawson Mardon Fibrenyle is manufacturing the 250ml HDPE
containers .
photo omitted

Meanwhile, Zeller Plastik has developed and manufactured a new dispensing closure especially for the relaunch of Boots the Chemist's Touch of Silk range of shampoos and conditioners. The snap-on PP closure, produced in two colours to differentiate between products, is positively oriented towards the front face of the bottle.

Zeller Plastik, UK. Tel: +44 1603 423131. Fax: +44 1603 407942.

Copyright 1997 Wilmington Publishing Ltd.

COMPANY NAMES: BOOTS THE CHEMISTS LTD (BOOTS CO PLC (THE)); DESIGN BRIDGE
; LAWSON MARDON FIBRENYLE; SARA LEE CORP; ZELLER PLASTIK INC
INDUSTRY NAMES: Packaging; Personal care products; Plastic packaging
PRODUCT NAMES: Toilet soaps (284172); Hair tonics, conditioners and
mousse (284445); Shampoos (284480); Plastics products for packaging,
excluding selected plastics flexible packaging (308001); Bottles,
plastics (308500); Plastics packaging except film, sheet, foam, bottles
(308936)
CONCEPT TERMS: All company; All product and service information; Orders;
Product introduction
BRAND NAMES: Radox Showerfresh; Touch of Silk
GEOGRAPHIC NAMES: European Union (EUCX); United Kingdom (UNK); Western
Europe (WEEX)

14/9/5 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

01801344 Supplier Number: 43033381 (THIS IS THE FULLTEXT)

Advantages of polypropylene for caps and closures

Food Cosmetics & Drug Packaging, pN/A

June, 1992

ISSN: 0951-4554

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 168

TEXT:

Reasons why polypropylene is finding wide application in caps and closures are given in a publication from Amoco Chemical Co of Chicago, Illinois, USA. 'Bulletin PP-28A' says that polypropylene is tough and rigid, easy to process and colour and resists thermal degradation. Typical cap and closure designs are shown, such as pumps and sprays, snap caps, flip-off caps, tamper-evident **closures**, child-resistant **closures**, **hinged tops**, **flip-off tops** and disc-shaped tops. Recommended grades for each are given. Some of the featured closure applications make use of polypropylene's high heat distortion temperature. This is important when withstanding the rigours of steam autoclaving or sterilization for hot-fill or retort applications, microwave heating or post-capping **containers** sealed with flexible packaging membranes. Amoco has recently begun production of a range of 'ACCPRO' enhanced polypropylenes that offer the maximum stiffness available today from polypropylene resins. For further details, contact: Karen L. Kramer, Amoco Chemical Co, 200 East Randolph Drive, MC 4106, Chicago, IL 60601-7125, USA; tel: +1-312-856-3396.

COPYRIGHT 1992 by Elsevier Science Publishers Ltd.

THIS IS THE FULL TEXT: COPYRIGHT 1992 Elsevier Science Publishers Ltd.

Subscription: \$269 per year as of 1/92. Published monthly. Contact Elsevier Advanced Technology Publications, Crown House, Linton Road, Barking, Essex, IG11 8JU, U.K. Phone 01-594-7272.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: Elsevier Advanced Technology Publications

INDUSTRY NAMES: BUSN (Any type of business); CONT (Containers and

Packaging); DRUG (Pharmaceuticals and Cosmetics); FOOD (Food, Beverages
and Nutrition); INTL (Business, International)
?t14/3,k/3

14/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

01234491 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Continental shopping is packed with bright ideas

**(A number of European firms have developed novel packaging for detergents
and personal-care products)**

Packaging Week, n 8, p 14

July 06, 1995

DOCUMENT TYPE: Journal ISSN: 0276-6117 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1096

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...is marketing a range of feminine hygiene body creams in a blowmoulded PE bottle with **hinged PP flip -top closure** . The underside of the hinged opening has a moulded plug to fit inside the bottle...

...being a short, narrow diameter (2-4 mm) protrusion and having a solid section. The **container** chosen by Bourjois also offers a novel easy opening feature. The plug is hollow. A moulded PP ball fits on top of the **container** and is held in place by a tiny solid plug that fits inside the hollow protrusion on the underside of the cap and is an aid to opening the **container** .

NV L'Oreal, of Brussels, has introduced a clear, blowmoulded PVC bottle with 2-colour...

File 16:Gale Group PROMT(R) 1990-2003/Feb 04
 (c) 2003 The Gale Group
File 112:UBM Industry News 1998-2003/Feb 03
 (c) 2003 United Business Media
File 148:Gale Group Trade & Industry DB 1976-2003/Feb 05
 (c)2003 The Gale Group
File 570:Gale Group MARS(R) 1984-2003/Feb 04
 (c) 2003 The Gale Group

Set	Items	Description
S1	4	NESTLE?? (2N)POLO()MINTS AND CONTAINER??
S2	1	RD (unique items)

431 374

24/3,K/1 (Item 1 from file: 53)
DIALOG(R) File 53:FOODLINE(R): Food Science & Technology
(c) 2003 LFRA. All rts. reserv.

00666384 FOODLINE ACCESSION NUMBER: 472131

Packaging news.

Anon

Confectionery Production (June), 64 (6), 32-33 (0 ref.)

1998

ISSN NO: 0010-5473

LANGUAGE: English

DOCUMENT TYPE: Journal article

...ABSTRACT: following products are considered briefly: Double S Group UV flexo labels for Rowse honey; RPC **Containers Polo mint** -shaped pack for Nestle Supermints; Weir Technology wrappers, cartons and carton outers for Nestle Yorkie...

24/3,K/2 (Item 1 from file: 248)
DIALOG(R) File 248:PIRA
(c) 2003 Pira International. All rts. reserv.

00509921 Pira Acc. Num.: 20111029

Title: Mini pack marks 50 years of Polos

Authors: Anon

Source: Packag. Mag vol. 1, no. 12, 18 June 1998, p. 5

ISSN: 0267-6117

Publication Year: 1998

Document Type: Journal Article

Language: English

COMPLETED

FEB 10 2003

Abstract: RPC Market Rasen has designed a 2 piece mint pack **container** formed in the shape of the circular **Polo mint**. The **container** was developed for the launch of Nestle's Polo Supermints, a miniaturised version of the...

... Polo pack opens a small lid, which permits the mints to be tipped out. The **containers** are flow-wrapped in an outer carton produced by First Cartons. (Short article)

DIALOG(R)File 112:UBM Industry News
(c) 2003 United Business Media. All rts. reserv.

01134524 (THIS IS THE FULLTEXT)
Mini pack marks 50 years of Polos
Packaging Magazine , p 5
June 18, 1998

LANGUAGE: English RECORD TYPE: Fulltext DOC. TYPE: Journal
WORD COUNT: 00000103

TEXT: A HOLE lot of work went into RPC Market Rasen's design for a
Polo- shaped mint pack.

The two-piece pop-opening container and dispenser was developed for the
launch of Nestle's Polo Supermints a miniaturised version of the original
Polo, which is 50 this year.

Injection moulded in PP, the packs feature a variation on the 'Pop
Lock' technology developed by RPC Celle in Germany for a range of
closures. Pressure applied to the Polo pack opens a small lid, allowing
the mints to be tipped out.

The containers are flow-wrapped in an outer carton produced by First
Cartons.

2/7/1 (Item 1 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

08071139 Supplier Number: 67339915 (THIS IS THE FULLTEXT)

Looking East at innovation.

Packaging Magazine, p29

Nov 16, 2000

TEXT:

SELF-VENTING flexible pouches, aluminium bottles and ceramic coated PET film cartons were among the products in the spotlight at Tokyo Pack this year.

Despite Japan's economic belt-tightening, packaging innovation continues, especially in the flexible packaging sector. On show were many examples of applications that would, just a few years ago, have been in rigid packaging.

Eight years ago the concept of barrier-free packaging was introduced. But this does not refer to a pack's permeability - rather it means easy to use by all, but safe. Now there's a modernised title: Universal Package Design. The general meaning is unchanged but package development now follows a structured path.

Prototypes are based on networked information from healthcare centres, universities and welfare organisations for the young, the elderly and those who are mentally or physically disabled. However, more information is still needed, such as age-related visual changes which affect colour identification and discrimination.

To meet these demands, producers must now analyse and examine packages throughout the package cycle for both physical properties and potential psychological and sensory appeal. Already, examples include press-through-pack (PTP) blister packs for medical tablets, injection moulded caps and knife- or scissor-free opening of flexible pouches - even those for retorted foods. The latter have benefited from Japan's wide availability of 'straight line' tearable films (from, for example, Hosokawa Yoko, Dai Nippon Printing and Idemitsu Petrochemical). A notch is all that is required to initiate the tear in a multilayer film pouch.

In Japan, annual shipments of the major materials are relatively static. Plastics volumes have actually fallen, prompted first by its Packaging Charter and recently also by environmental issues. Preparation for new recycling law compliance (introduced in April 2000) and the drive to reduce packaging volumes meant that 1999 saw far greater use of flexible packaging at the expense of moulded **containers**.

High gas-barrier transparent and metallised films are widely used. Ceramic coatings, first introduced commercially in Japan, add an invisible barrier to transparent films. Now plastic bottles and **containers** have followed with inside surface barrier coatings.

Mitsubishi Shoji Packaging is the worldwide licensee for Kirin Brewery's plasma deposited, Diamond-Like Coating (DLC). Toppan's GL-C bottle has an inner silicon oxide film deposited by Chemical Vapour Deposition (CVD). Both offer environmentally acceptable ways of extending product freshness.

Functional films - alone but more often in laminates or coextrusions - provide gas permeability for preservation freshness. Where required, for example when heating pre-packaged food in a microwave oven, adequate heat resistance is also needed. For this use, self-venting pouches for the Home Meal Replacement market are becoming commonplace (from Meiwa Pax, Zacros, Rengo and Mitsubishi Shoji Packaging).

Single use or refill pouches for liquids are another recent introduction. Single use pouches have a combined spout and reclosure. The latter are mostly an injection moulded PP spout plus screw or plug cap. Tamper evident devices, such as those for the plug stopper on a miso soup pouch, have been introduced over the past year. Many of these pouches are bottom-gusseted and are therefore self-standing.

Packaging volume reduction has seen zippered standing pouches become paper carton replacements for non-liquid products. The pouch for Nescafe stickpacks of instant coffee powder is typical.

Refill packs such as pouches for liquid detergents are relatively new in Japan. Most rely on cutting one of the top corners of the pouch.

Procter & Gamble was the first to use a pouch designed to refill very narrow diameter bottles without spillage. Welded to one inner face of the shaped 'pouring corner' section is an injection moulded short PP strip. Its 1.5 cm width is split into three hinged strips. Once the tip of the corner is cut off, consumers are shown how to press the strip into a 0.5x0.5x0.5cm wide pouring channel.

New at Tokyo Pack was a pouch designed for the same refill task but devoid of any additional insert. Unusually, the BLB pouch from Sun A Chemical retains its four-cornered periphery after opening. Close to one top corner is a deeply embossed pouring spout. This stops short of the sealed corner of the pouch.

Two triangular holes are cut respectively between the sides of the spout and the pouch's 6mm wide edge seal. The pouch is opened by cutting from one hole to the other, across the tip of the spout. Holding the now free corner section steadies the upturned pouch as the bottle is refilled.

Spout Pack, by Cow Pack, is a self-sealing pouch for products such as liquid foods, detergents and shampoo. A decade ago, this US-developed system was a major prize-winner in Japan's annual Good Packaging competition. It promptly disappeared. Now it's back, but in up-market form with hanging string attached to meet the needs of Japan's now cash-conscious consumers. Today a pouch is accepted - in 1990 the concept was ahead of its time.

Ceramic-coated PET film is replacing aluminium foil in drinks cartons. Dai Nippon Printing's L carton was one of the first to change and Nippon Paper has now followed with its aseptic Fuji Slim cartons.

Removing foil means the sealing system must also be changed on the packaging machinery. The UP-Fuji-MA60N machine uses ultrasonics to seal foil-less cartons. Induction sealing, which relies on foil to conduct heat, is not applicable.

For moulded plastic packaging, the trend is firstly towards expandable **containers** with thinner walls, and secondly to **containers** with collapsible sidewalls. As with flexible packaging, these help volume reduction by making conspicuous advances towards both the ecological and economic needs.

Leading cosmetics and toiletry maker Shiseido is a prominent user for shampoo and liquid body soaps. The latter are in ultra-lightweight, injection blown, collapsible spiral-shaped bottles. Designed as refill packs, these featherweight screw-capped bottles have just been further lightweighted. Cap and bottle mouth diameters are now 0.8cm smaller in diameter, with a reduction in cap size from 2.9 to 2.1cm.

Japan's new recycling laws have had an immediate impact on plastics caps and **containers**. Every part of a cap must be removed from a bottle or **container** unless both components are made from the same polymer. The result is that either the cap is removed in one piece after use, or any residual part, for example the break-off ring of a tamper-evident closure, must be subsequently removed prior to recycling.

This latter demand has led to widespread consumer sale of cap removers as well as revised bottle and closure designs that simplify such removal. Major cap producers such as Mikasa Sangyo and Nippon Crown Closure lead this residual removal development.

In Japan, many caps are two-part, the upper element of which is hinged. The lower section, fixed to the bottle or **container** mouth, is relatively deep. This allows a pre-scored partial tear to be moulded into its skirt (i.e. the sidewall which is fixed to the **container** or bottle). The tear, complete with tiny initiating pull-tab, runs spirally downwards. Pulling the tab quickly splits the skirt so that the entire cap can then be removed. Two uses are for hinged caps on PET bottles for cooking oil and soy sauce, both of which enjoy big markets in Japan and throughout Asia.

Unlike Europe, shrinkwrapped transit packaging is non-existent: Japan's distribution system is wedded to corrugated board. Dainihon Packs won a Food Packaging Category Award in Japan's Good Packaging Competition for its divisible tray for fresh fruits. Made from a one-piece blank, it has reduced the number of assembly and disassembly processes by 25% and 70% respectively. Another entrant in the awards was a lightweight, one-piece, aluminium bottle from Takauchi Press. This clearly follows the success of Daiwa Can's two-piece aluminium bottle - a major prizewinner in this year's Japan Star competition.

Examples of new and novel rigid and semi-rigid packaging continue to appear. Several use plastic film-based in-mould labels. Current examples include:

- * Cup Bottle - an injection moulded PP 350ml beverage cup complete with one-piece injection moulded, domed PP lid plus threaded drinking spout (closed by a tamper-evident PP screw cap);

- * Injection moulded, pedestal-based PP yoghurt cup with fruit sauce in a second small PP cup positioned inside the pedestal, from Dai Nippon Printing;

- * Twin PVC tubes for cosmetics joined at their bases by an extra RF weld and, at the top, by a single hinged PP cap with twin product exit holes. It is being used by Pola Cosmetics for a combined hair and scalp treatment;

- * Nestle's Polo mints in injection moulded PP tubes with hinged cap. Above this cap is a moulded push-ring (for easy opening) in the shape of an embossed Polo mint;

- * Kokuyu, licensee for Henkel's Pritt gluesticks, has developed a ratchet-based overcap cum spreader for the adhesive. It can be twisted into position as required;

- * Del Monte Japan is using an injection moulded PP cup, complete with barrier film-based in-mould label for microwaveable pasta sauces. The vacuum-sealed multilayer lidding looks to have an Eval-based barrier rather than a ceramic-coated PET film;

- * Double film-lidded trays were shown by Shinwa Kikkai. A dotted line shows the position of the lower seal. This concept is useful when a second product is added to the tray's content prior to use.

Hosokawa Yoko showed two developments in drinks pouches. The first is a variable width gusseted side seals on top-spouted pouches. This creates a slim-line, curved body look. One of the first users is Coca-Cola for its Aquarius sports drink.

The second is a PE drinking straw inside the narrow neck of the RE moulded spoutless pouch. The tip of the straw is sealed to the top seal of the pouch.

When the consumer snips open the top of the pouch, the straw has no option but remain in position. Squeezing the pouch gently forces it upwards and it is then ready for use.

The RE pouch was originally developed by Mitsubishi Shoji Packaging.
FOCUS POINTS

- * Search continues for 'barrier-free' packaging

- * Zippered pouches have replaced some cartons for dry food

- * New recycling laws have had an impact

CONTACTS:

Toyo Seikan T +813 3508 2268 F +813 3508 2268

Hosokawa Yoko T +813 3263 1683 F +813 3237 9509

Idemitsu Petrochemical T +813 3457 8795 F +813 3457 8799

Dai Nippon Printing T+813 5225 5943 F +813 3266 6951

Mitsubishi Shoji Packaging Corp T +813 5255 9660 F +813 5255 9668

Toppan Printing T +813 3865 6532 F +813 3835 7619

Meiwa Pax T +813 729 76 2376 F +813 729 76 0920

Zacros T +813 3661 4224 F +813 3661 6388

Rengo T +813 3597 6614 F +813 3597 6524

Sun A Chemical T +813 3258 3111 F +813 3258 3108

Cow Pack T +81 587 66 6314 F +81 587 65 2050

Nippon Paper Industries T +813 3218 8889 F +813 3216 1392

Mikasa Sangyo T +81 742 72 2000 F +81 742 72 2002

Nippon Crown Closure T +813 3508 4639 F +813 3508 2268

Shinwa Kikai T +81 480 48 2175 F +81 480 48 2180

Copyright: United Business Media Ltd.

COPYRIGHT 2000 Miller Freeman UK Ltd

COPYRIGHT 2000 Gale Group

File 15:ABI/Inform(R) 1971-2003/Feb 01
 (c) 2003 ProQuest Info&Learning
 File 16:Gale Group PROMT(R) 1990-2003/Feb 04
 (c) 2003 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2003/Feb 05
 (c)2003 The Gale Group
 File 281:ONTAP(R) Gale Group MARS(R)
 (c) 1999 The Gale Group
 File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123
 (c) 2003 WIPO/Univentio
 File 484:Periodical Abs Plustext 1986-2003/Jan W4
 (c) 2003 ProQuest
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
 (c) 2002 Phoenix Newspapers
 File 494:St LouisPost-Dispatch 1988-2003/Jan 30
 (c) 2003 St Louis Post-Dispatch
 File 570:Gale Group MARS(R) 1984-2003/Feb 04
 (c) 2003 The Gale Group
 File 631:Boston Globe 1980-2003/Feb 02
 (c) 2003 Boston Globe
 File 636:Gale Group Newsletter DB(TM) 1987-2003/Feb 04
 (c) 2003 The Gale Group
 File 641:Rocky Mountain News Jun 1989-2003/Jan 31
 (c) 2003 Scripps Howard News
 File 642:The Charlotte Observer 1988-2003/Feb 02
 (c) 2003 Charlotte Observer
 File 645:Contra Costa Papers 1995- 2003/Feb 03
 (c) 2003 Contra Costa Newspapers
 File 674:Computer News Fulltext 1989-2003/Jan W3
 (c) 2003 IDG Communications
 File 702:Miami Herald 1983-2003/Jan 31
 (c) 2003 The Miami Herald Publishing Co.
 File 716:Daily News Of L.A. 1989-2003/Feb 04
 (c) 2003 Daily News of Los Angeles
 File 718:Pittsburgh Post-Gazette Jun 1990-2003/Feb 04
 (c) 2003 PG Publishing
 File 719:(Albany) The Times Union Mar 1986-2003/Feb 04
 (c) 2003 Times Union
 File 721:Lexington Hrlld.-Ldr. 1990-2003/Feb 02
 (c) 2003 Lexington Herald-Leader
 File 725:(Cleveland)Plain Dealer Dec 1991-2002/Dec 31
 (c) 2003 The Plain Dealer
 File 727:Canadian Newspapers 1990-2003/Feb 05
 (c) 2003 Southam Inc.
 File 733:The Buffalo News 1990- 2003/Feb 03
 (c) 2003 Buffalo News
 File 735:St. Petersburg Times 1989- 2000/Nov 01
 (c) 2000 St. Petersburg Times
 File 742:(Madison)Cap.Tim/Wi.St.J 1990-2003/Feb 04
 (c) 2003 Wisconsin St. Jrnl
 File 743:(New Jersey)The Record 1989-2003/Feb 03
 (c) 2003 No.Jersey Media G Inc
 File 781:ProQuest Newsstand 1998-2003/Feb 04
 (c) 2003 ProQuest Info&Learning
 File 995:NewsRoom 2000
 (c) 2003 The Dialog Corporation

Set	Items	Description
S1	35	CHEERIOS(3N)CONTAINER? ?
S2	29	RD (unique items)
S3	2	S2/2003 OR S2/2002
S4	27	S2 NOT S3
S5	27	Sort S4/ALL/PD,D

5/3,K/1 (Item 1 from file: 781)
DIALOG(R)File 781:ProQuest Newsstand
(c) 2003 ProQuest Info&Learning. All rts. reserv.

06562951 PLQM20000301007D1427 (USE FORMAT 7 OR 9 FOR FULLTEXT)

The crying game: How to handle tantrums

CHRISTINE MORAN; Credits, Cox News Service
Patriot Ledger Quincy, MA, Run of Paper ED, P 02F
Saturday, February 26, 2000

DOCUMENT TYPE: Newspaper, Small LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT SECTION HEADING: FEATURE
Word Count: 615

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...somewhere, bring something with you that the
child likes, maybe a favorite blanket or a **container** of **Cheerios** .
It's not like you're giving in. You're just trying to prevent the...

5/3,K/2 (Item 2 from file: 727)
DIALOG(R)File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

07467388 (USE FORMAT 7 FOR FULLTEXT)

**Tantrum-throwers feed off parents who give in: Parents must cater to
frustrations before the tantrum begins**

Christine Moran
Edmonton Journal, FINAL ED, P E2
February 08, 2000

DOCUMENT TYPE: STORY; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT SECTION HEADING: Living
Word Count: 421

...somewhere, bring something with you
that the child likes, maybe a favourite blanket or a **container** of
Cheerios . It's not like you're giving in. You're just trying to
prevent the...

5/3,K/3 (Item 3 from file: 718)
DIALOG(R)File 718:Pittsburgh Post-Gazette
(c) 2003 PG Publishing. All rts. reserv.

10502028

TIMELINE OF AMERICA EATING IN THE 1900S

Pittsburgh Post-Gazette (PT) - Sunday, January 2, 2000
By: CAROL BIDWELL AND NATALIE HAUGHTON LOS ANGELES DAILY NEWS
Edition: FIVE STAR Section: FOOD Page: G-15
Word Count: 1,678

TEXT:

...Canapes," appears.

1941 -- Gourmet magazine debuts. M&Ms candies introduced. General
Electric introduces the garbage **disposal** .

1942 -- Food rationing begins. Dannon yogurt debuts.

1943 -- Deep-dish pizza created in Chicago. Recommended Daily...

... 1945 -- Food rationing ends for all items except sugar. Earl W. Tupper
invents resealable food **containers** . **Cheerios** shows up on store shelves.

1946 -- Frozen french fries and orange juice introduced, along with...

5/3,K/4 (Item 4 from file: 492)
DIALOG(R)File 492:Arizona Repub/Phoenix Gaz
(c) 2002 Phoenix Newspapers. All rts. reserv.

10356118

A CENTURY OF FOOD

Arizona (AR)
) - Wednesday, December 22, 1999
Edition: Final Chaser Section: Food Page: FD4
Word Count: 2,661

TEXT:

... 1945: Food rationing ends for all items except sugar. Earl W. Tupper invents resealable food **containers** . **Cheerios** shows up on store shelves.

1946: Frozen french fries and orange juice are introduced, along...

5/3,K/5 (Item 5 from file: 742)
DIALOG(R)File 742:(Madison)Cap.Tim/Wi.St.J
(c) 2003 Wisconsin St. Jrnl. All rts. reserv.

10336144

ROCK-TENN: 12-HOUR SHIFTS OR . . . CLOSE SHOP?

Capital Times - Thursday, December 2, 1999
By: Mike Ivey The Capital Times
Edition: All Section: Today's Business Page: 1E
Word Count: 444

...Mexico and Canada, including plants in Madison and Milwaukee.

The Madison plant manufactures printed, foldable **containers** , such as **Cheerios** boxes or Little Debbie snack cakes packages.

Shaw acknowledged that Rock-Tenn has been using...

5/3,K/6 (Item 6 from file: 716)
DIALOG(R)File 716:Daily News Of L.A.
(c) 2003 Daily News of Los Angeles. All rts. reserv.

10314096

A CENTURY OF AMERICAN FOOD

Daily News of Los Angeles (LA) - Wednesday, November 10, 1999
By: - Carol Bidwell and Natalie Haughton Staff Writers
Edition: Valley Section: Food Page: H1
Word Count: 2,103

... 1945 - Food rationing ends for all items except sugar. Earl W. Tupper invents resealable food **containers** . **Cheerios** shows up on store shelves.

1946 - Frozen french fries and orange juice are introduced, along...

5/3,K/7 (Item 7 from file: 641)
DIALOG(R)File 641:Rocky Mountain News
(c) 2003 Scripps Howard News. All rts. reserv.

10299092

SWEET ON SUGAR KIDS' WEAKNESS FOR CANDY ISN'T AS UNHEALTHY AS YOU THINK

Denver Rocky Mountain News (RM) - Tuesday, October 26, 1999
By: Jenny Deam News Staff Writer
Edition: Final Section: Spotlight on Health & Fitness Page: 3D
Word Count: 1,251

... dental standpoint to give your children candy bars than to let them carry around Tupperware **containers** of **Cheerios** and graze out of them.

That's not to say candy bars are more nutritious...

5/3,K/8 (Item 8 from file: 743)
DIALOG(R) File 743: (New Jersey) The Record
(c) 2003 No. Jersey Media G Inc. All rts. reserv.

10175104

MISSING TEENS FOUND IN N.Y.C. FOUR SPENT DAYS ROAMING STREETS
Record (Northern New Jersey) (RE) - THURSDAY, June 24, 1999
By: LAURA BARNHARDT, Staff Writer
Edition: All Editions Section: NEWS Page: a01
Word Count: 1,149

...15, as she sat between her parents, Terry and Ron, who had brought her a **container** of juice, **Cheerios**, and a pair of jeans. "I didn't plan on it. I would've brought...

5/3,K/9 (Item 9 from file: 727)
DIALOG(R) File 727: Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

06299199 (USE FORMAT 7 FOR FULLTEXT)
Frustrating delay adds spice to old salt's cooking: Northern Magic --
Dispatch #21
Diane Stuemmer
Ottawa Citizen, FINAL ED, P B2
January 25, 1998
DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
SECTION HEADING: City
Word Count: 1140

...we have to indulge ourselves in one last box of Turtles, package of Honey Nut **Cheerios**, **container** of Eggo Waffles and, my particular weakness, a bag of Hershey's kisses.

My waist...

5/3,K/10 (Item 10 from file: 645)
DIALOG(R) File 645: Contra Costa Papers
(c) 2003 Contra Costa Newspapers. All rts. reserv.

09518323 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TAKING THE KIDS
Lynn Carey
CONTRA COSTA TIMES, Final ED, P C04
Sunday, January 18, 1998
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT SECTION HEADING: Time Out
Word Count: 578

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...for parties. Check first if you plan on bringing food of any kind, even a **container** of **Cheerios**.

Costs: At most places, the bisque pieces range from \$1 for a magnet to about...

5/3,K/11 (Item 11 from file: 16)
DIALOG(R) File 16: Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05419146 Supplier Number: 48220473 (USE FORMAT 7 FOR FULLTEXT)

Utility team seeks support

King, Julia

Computerworld, p027

Jan 12, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 568

... in Egg Harbor Township, N.J.

With a Stairmaster machine in the corner and Tupperware **containers** of **Cheerios** and pretzels, the scene looks more like a clubhouse than ground zero for a mission...

5/3,K/12 (Item 12 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

01558299 02-09288

Utility team seeks support

King, Julia

Computerworld v32n2 PP: 27 Jan 12, 1998

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 545

...TEXT: in Egg Harbor Township, N.J.

With a Stairmaster machine in the corner and Tupperware **containers** of **Cheerios** and pretzels, the scene looks more like a clubhouse than ground zero for a mission...

5/3,K/13 (Item 13 from file: 494)

DIALOG(R)File 494:St LouisPost-Dispatch

(c) 2003 St Louis Post-Dispatch. All rts. reserv.

08618056

THE BOYS IN THE BACK: MEMORIES OF YESTERDAY

St. Louis Post Dispatch (SL) - Saturday, April 27, 1996

By: Patricia Corrigan

Edition: FIVE STAR LIFT Section: EVERYDAY MAGAZINE Page: 03D

Word Count: 699

... and small bottles of apple juice. Then we'd get in the front, clutching plastic **containers** of **Cheerios**, in case the boys got hungry.

"Wouldn't it be funny," I whispered that day...

5/3,K/14 (Item 14 from file: 721)

DIALOG(R)File 721:Lexington Hrld.-Ldr.

(c) 2003 Lexington Herald-Leader. All rts. reserv.

08195005

MOM, I'M BORED OUR KID-FRIENDLY GUIDE TO HELPING YOU GET THROUGH THE

REMAINING 39 DAYS BEFORE SCHOOL STARTS

Lexington Herald-Leader (LH) - THURSDAY, July 13, 1995

By: Barbara Ward Herald-Leader Staff Writer

Edition: Final Section: You; News for today's women Page: 8

Word Count: 1,987

...get home.

Get cooking

n Edible jewelry. Thread a needle with yarn or thread. Have **containers** of Life Savers, **Cheerios** or Froot Loops, popcorn, miniature marshmallows and dried fruit available and let your child make...

5/3,K/15 (Item 15 from file: 733)
DIALOG(R)File 733:The Buffalo News
(c) 2003 Buffalo News. All rts. reserv.

08079173

SMALL SHOPPERS, BIG BUCKS
Buffalo News (BN) - MONDAY, March 20, 1995
By: JANICE OKUN - News Food Editor
Edition: CITY Section: LIFESTYLES Page: C1
Word Count: 978

*duplicate (see full article at last yellow
tab in the non-palint
lit. section*

Cheerios include portable "tot **containers** " shrink-wrapped right onto the box. They have "a portal in the center so that..."

5/3,K/16 (Item 16 from file: 727)
DIALOG(R)File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

03643895 (USE FORMAT 7 FOR FULLTEXT)

Quite a day for shopping

DON TREMBATH

Edmonton Journal, Final ED, P D4

December 16, 1994

DOCUMENT TYPE: STORY; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT SECTION HEADING: Life

Word Count: 735

...Kleenex, his
sunglasses, a gingerbread man (with icing), a box of raisins, and a
tiny **container** of puffed wheat, **Cheerios**, and animal crackers.

In the event of a high-pitched emergency, we also put in...

5/3,K/17 (Item 17 from file: 735)
DIALOG(R)File 735:St. Petersburg Times
(c) 2000 St. Petersburg Times. All rts. reserv.

07229065

TOILET TRAINING

St. Petersburg Times (PE) - MONDAY August 16, 1993

Edition: CITY Section: FLORIDIAN Page: 1D

Word Count: 707

TEXT:

... the lady who was having trouble with potty-training her son. She might
keep a **container** of **Cheerios** on the back of the toilet and have him
throw a couple of Cheerios into...

5/3,K/18 (Item 18 from file: 727)
DIALOG(R)File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

02915456 (USE FORMAT 7 FOR FULLTEXT)

FOOD & RECIPES: Help for frazzled families at suppertime

Halifax Daily News, P 27

April 14, 1993

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Entertainment

Word Count: 543

...And don't forget snacks. "Food helps everyone," says Spinks, whose car is littered with **Cheerios** and discarded yogurt **containers** .

Once home, Spinks says the first thing to do is change clothes.

"What you're...

5/3,K/19 (Item 19 from file: 642)
DIALOG(R) File 642:The Charlotte Observer
(c) 2003 Charlotte Observer. All rts. reserv.

07104102

MANICURIST HAS HER HANDS FULL

Charlotte Observer (CO) - TUESDAY, April 13, 1993

By: ANN ALLEN, Staff Writer

Edition: ONE & TWO Section: METRO Page: 1C

Word Count: 410

It took a **container** of **Cheerios** , several apples, constant scratching with a dog brush and determined cooing before Worf the Vietnamese...

5/3,K/20 (Item 20 from file: 727)
DIALOG(R) File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

03033470 (USE FORMAT 7 FOR FULLTEXT)

Solution in times of chaos

Windsor Star, Final ED, P F8

April 03, 1993

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Lifestyles

Word Count: 467

...And don't forget snacks. "Food helps everyone," says Spinks, whose car is littered with **Cheerios** and discarded yogurt **containers** .

Once home, Spinks says the first thing to do is change clothes.

"What you're...

5/3,K/21 (Item 21 from file: 727)
DIALOG(R) File 727:Canadian Newspapers
(c) 2003 Southam Inc. All rts. reserv.

02600246 (USE FORMAT 7 FOR FULLTEXT)

Let the madness begin

by Lindsay Scotton TORONTO STAR

Toronto Star, Final ED, P J1

March 27, 1993

DOCUMENT TYPE: NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

SECTION HEADING: Life

Word Count: 1167

...t forget the snacks.

``Food helps everyone,`` advises Spinks, whose own car is littered with **Cheerios** and discarded yogurt **containers** .

* Home: The first thing you should do is change your clothes, she says.

``What you...

5/3,K/22 (Item 22 from file: 16)
DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

a duplicate

02656577 Supplier Number: 43539184 (USE FORMAT 7 FOR FULLTEXT)
Cheerios Tot Container MANUFACTURER: A. Aronson, Inc. CATEGORY: Baby
Products
Product Alert, v0, n0, pN/A
Dec 21, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 91

.(USE FORMAT 7 FOR FULLTEXT)
Cheerios Tot Container MANUFACTURER: A. Aronson, Inc. CATEGORY: Baby
Products
TEXT:
Retailing between \$1.49 and \$1.99 is Cheerios Tot Container . Created
"For the tot-on-the-go," it is a sturdy, durable, dishwasher safe container
...
TRADE NAMES: Cheerios Tot Container ; Cheerios

5/3,K/23 (Item 23 from file: 702)
DIALOG(R) File 702:Miami Herald
(c) 2003 The Miami Herald Publishing Co. All rts. reserv.

06136250
1941 DRIFT TOWARD WAR DISTURBS U.S. INNOCENCE
Miami Herald (MH) - SUN December 1, 1991
By: MARTIN MERZER Herald Senior Writer
Edition: FINAL Section: SPECIAL SECTION Page: 3PH
Word Count: 589

... that year in South Dakota and the Grand Coulee Dam was completed in
Washington. Aerosol containers were developed. Cheerios were
introduced.

The Federal Communications Commission authorized television
broadcasts. By year's end, 1 million...

5/3,K/24 (Item 24 from file: 719)
DIALOG(R) File 719:(Albany) The Times Union
(c) 2003 Times Union. All rts. reserv.

04003783
PACKAGES' CLAIMS CAN MASK NUTRITIONAL DATA BUT IS IT GOOD FOR YOU? LINING
UP INGREDIENTS DARK MOMENTS AT THE DAIRY CASE
KNICKERBOCKER NEWS (AL) - TUESDAY February 3, 1987
By: Judy Shepard The Knickerbocker News
Edition: State Special Section: Food Page: 1B
Word Count: 1,023

TEXT:
... to use the cereal boxes as walls, protecting our places at the table
with cardboard containers of Corn Flakes, Cheerios and Shredded Wheat.

We ate our breakfast in the privacy of our own fortress, reading...

5/3,K/25 (Item 25 from file: 631)
DIALOG(R) File 631:Boston Globe
(c) 2003 Boston Globe. All rts. reserv.

03133182

FLYNN'S DAY: BIG AND LITTLE ISSUES

BOSTON GLOBE (BG) - SUNDAY March 24, 1985

By: Joan Vennoch, Globe Staff

Edition: THIRD Section: METRO Page: 29

Word Count: 1,511

TEXT:

... of two toddlers present alternately cries and chews on a banana and finally dumps a **container** of **Cheerios** on the chocolate-colored carpet near the mayor's desk.

5/3,K/26 (Item 26 from file: 725)

DIALOG(R)File 725:(Cleveland)Plain Dealer

(c) 2003 The Plain Dealer. All rts. reserv.

(USE FORMAT 7 OR 9 FOR FULLTEXT)

09224014

Catherine Gilfether

Plain Dealer (Cleveland)

Word Count: 757

...DESCRIPTORS: take her to distant places - places where people travel unencumbered by diaper bags filled with **containers** of **Cheerios** and Star Wars toys. Places where women actually carry purses again filled with nothing but...

5/3,K/27 (Item 27 from file: 281)

DIALOG(R)File 281:ONTAP(R) Gale Group MARS(R)

(c) 1999 The Gale Group. All rts. reserv.

a duplicate

00615586

Cheerios Tot Container **MANUFACTURER: A. Aronson, Inc. CATEGORY: Baby Products**

Product Alert December 21, 1992 v. 0 no. 0 p. N/A

FULL TEXT AVAILABLE IN FORMAT 9 WORD COUNT: 89

Cheerios Tot Container **MANUFACTURER: A. Aronson, Inc. CATEGORY: Baby Products**

Retailing between \$1.49 and \$1.99 is **Cheerios Tot Container**. Created "For the tot-on-the-go," it is a sturdy, durable, dishwasher safe container...

TRADE NAME: **Cheerios Tot Container ; Cheerios**

2/9/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

02656577 Supplier Number: 43539184 (THIS IS THE FULLTEXT)
Cheerios Tot Container **MANUFACTURER: A. Aronson, Inc. CATEGORY: Baby**

Products

Product Alert, v0, n0, pN/A

Dec 21, 1992

ISSN: 0740-3801

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 91

TEXT:

Retailing between \$1.49 and \$1.99 is **Cheerios Tot Container** . Created
"For the tot-on-the-go," it is a sturdy, durable, dishwasher safe container
with a tight seal that holds one cup of Cherrios cereal. Available from A.
Aronson, Inc. of New York, NY, the Tot Container is sold in a clear plastic
packet designed for rack display. Cheerios is a registered trademark of
General Mills, Inc., and is used under license. To check the availability
and cost of purchasing a sample of this product contact: Marketing
Intelligence Service, Ltd., (716) 374-6326.

COPYRIGHT 1992 Marketing Intelligence Service Ltd.

COPYRIGHT 1999 Gale Group

PUBLISHER NAME: Marketing Intelligence Service Ltd.

COMPANY NAMES: *A. Aronson and Company Inc.; General Mills Inc.

EVENT NAMES: *330 (Product information)

GEOGRAPHIC NAMES: *1USA (United States)

PRODUCT NAMES: *3077085 (Plastic Disposable Cups ex Foam); 2043015
(Cold Oat Breakfast Cereals)

INDUSTRY NAMES: ADV (Advertising, Marketing and Public Relations); BUSN
(Any type of business)

NAICS CODES: 332211 (Cutlery and Flatware (except Precious) Manufacturing
); 31123 (Breakfast Cereal Manufacturing)

TICKER SYMBOLS: GIS

TRADE NAMES: **Cheerios Tot Container** ; Cheerios

SPECIAL FEATURES: COMPANY

ADVERTISING CODES: 57 New Products/Services

File 16:Gale Group PROMT(R) 1990-2003/Feb 04
 (c) 2003 The Gale Group
File 281:ONTAP(R) Gale Group MARS(R)
 (c) 1999 The Gale Group
File 570:Gale Group MARS(R) 1984-2003/Feb 04
 (c) 2003 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2003/Feb 04
 (c) 2003 The Gale Group
File 733:The Buffalo News 1990- 2003/Feb 03
 (c) 2003 Buffalo News

Set	Items	Description
S1	5	CHEERIOS(3N)TOT()CONTAINER? ?
S2	3	RD (unique items)

2/7/3 (Item 1 from file: 733)
DIALOG(R) File 733: The Buffalo News
(c) 2003 Buffalo News. All rts. reserv.

08079173

SMALL SHOPPERS, BIG BUCKS

Buffalo News (BN) - MONDAY, March 20, 1995
By: JANICE OKUN - News Food Editor
Edition: CITY Section: LIFESTYLES Page: C1
Word Count: 978

TEXT:

The Franco-American canned spaghetti people are ecstatic these days. They're about to introduce TV-renowned Gargoyles and Shnookums & Meat pastas into the nation's grocery stores. Their marketing manager exults: "This partnership represents the first Disney licensed shapes in the canned pasta category."

Not to be outdone in the effort to appeal to young shoppers and their parents, General Mills has a new venture, too.

Cheerios include portable "tot containers" shrink-wrapped right onto the box. They have "a portal in the center so that little fingers can get in without spilling the cereals," a company spokesman explains. And there are plenty of other ventures.

Plastic bottles of Squeeze -- a fruit-flavored beverage from the Lifesaver Co. -- sport rolls of that candy on the top of the package. Nestle sells push-up frozen desserts that look like the Flintstones.

Any trip to a supermarket makes one point clear immediately.

There's money to be made from kids.

After all, there are so many of them around these days.

"Contrary to popular belief, the baby boomlet is still going strong and will continue until the majority of boomer women leave their child-bearing years," points out Marcia Mogelonsky in a recent edition of the Food Channel Newsletter.

"In 1990, there were 50.3 million youths under the age of 14 (in the United States). That number is expected to increase to 54.4 million in 1995 and 56.2 million by 2005."

And Ms. Mogelonsky has even more good news: She describes a definite case of small shoppers and big bucks.

The average 4-year-old has or is given just under \$4 a week to spend as he chooses, according to her figures. The average 12-year old gets \$15.

"When all that is added up, there's a \$14.7 billion-a-year potential, of which about \$8.8 billion is actually spent."

Much of it on food.

No wonder supermarkets are so ready for their young shoppers. Disney films play in the video department; kiddie books and comic books are prominently displayed.

"We like to provide products people want to buy," says Wegmans consumer affairs representative Ann M. McCarthy.

"And we want to make shopping as pleasant an experience as we can make it for the whole family."

That's not hard to do. Grocery

manufacturers appeal to children -- and through them their parents -- in many ways.

One is by advertising, especially on television, a point that is growing more contentious through the years.

Life magazine recently reported that a typical American child sees up to 10,000 food commercials each year and that nearly all TV food ads on Saturday mornings are for sugary, fatty or salty foods.

Some food experts say this is almost a moral issue -- the reverse of the taking-candy-from-a-baby routine.

Another way to add appeal is to package the food in alluring ways. Cereals look like toys. Or basketballs. Oscar Meyer Lunchables wrap up sliced cheese, lunch meat, crackers and a little candy bar for kid convenience. Hi-C beverages come in 4-ounce cans that a little hand can easily get around.

Then there are those products designed for what Lynn Dornblaser, publisher of New Products News, calls "the 8-year-old-boy market."

"They are designed to gross out your mother or your sister -- by dyeing your mouth funny colors, for instance," she explains. "Borden's has a line of flavored milks, and Blueberry Milk is bright blue."

Ms. Dornblaser's favorite example of this particular market niche is Mad Dawg Super Spew Bubble Chew, which causes the chewer to "foam at the mouth like a rabid dog." But, she says, there have always been products aimed at children.

Attractive premiums are yet another way to drum up kiddie trade.

Franco-American was particularly pleased to come up with washable tattoos on its can labels. "It's the first time we've been able to provide instant gratification. Before this, we always had to have the kids send for things," explains a spokeswoman.

And there are contests, too.

"We just staged a promotion to find the silliest kid in America," says a General Mills spokesman, explaining this search went along with the Trix cereal rabbit logo.

"That rabbit has been around for 36 years now and is, modestly speaking, part of Americana. 'Silly Rabbit -- Trix are for kids' is a famous line."

Kids sent in silly videotapes and essays; the final results are to be announced on April Fools' Day.

Another contest, sponsored by Chicken Tonight Cooking Sauces from Ragu, is aimed at slightly older kids. Kids ages 12 and 16 are being asked to pass along cooking tips, easy recipes and menu ideas. Winners get to go to Disney World.

And the company expects to hear from a lot of youngsters. A 1994 Yankelovich poll of 1,200 children showed that 36 percent were either helping to prepare meals or preparing them for themselves.

Not every product aimed at kids is unhealthy. Many child-directed cereals, fruit juices, pastas, yogurts and soups are nutritious additions to a diet.

Even a simple plastic bag, these days, is not so simple. There's a new line of sandwich bags adorned with the Mighty Morphin Power Rangers, the villainous Goldar or the dreaded Putty Patrol from Fox TV's popular

live-action show.

The bags are available nationally in some Wal-Marts, Kmart's and CVS drugstores.

Actually, the Rangers are only the latest characters to brighten the zip-style bags put out by Fun Designs of Duxbury, Mass. Earlier editions featured teddy bears, sharks, dinosaurs and, yes, Barbie. (No word about Ken.)

"The response has been overwhelming," says Donna Roth, president of the 10-year-old firm. "It puts some excitement into an ordinary lunch."

CAPTION:

Mike Groll/Buffalo news Like many youngsters, Elizabeth LoTempio and Jonathan Tyler are subjected to more than 10,000 food commercials a year, mostly for Sugary, fatty or salty foods.

Copyright (c) 1995, The Buffalo News

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200307
(c) 2003 Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2002/Dec
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	1	(HINGED OR PUSH OR PRESS) (2W) FLIP() (LID OR LIDS)
S2	869007	CONTAINER? ? OR RECEPTACLE? ? OR HOLDER? ?
S3	426892	CIRCULAR OR ROUND
S4	2604	(DOUGHNUT OR DONUT) () SHAPE? ?
S5	78734	UNITARY OR (ONE OR SINGLE) () PIECE.
S6	171005	CIRCUMFERENTIAL??
S7	1568045	OPEN???
S8	52	(HINGE? ? OR PRESS OR PUSH) (2W) FLIP
S9	1292624	LID OR LIDS OR CAP OR CAPS OR CLOSURE? ? OR COVER????
S10	5293	S2(3N)S3:S4
S11	19	S8(5N)S9
S12	0	(S1 OR S11) AND S10
S13	3	(S1 OR S11) AND S2
S14	2868	S6(3N)S7
S15	0	S2 AND S14 AND S8
S16	16	S11 NOT S13
S17	140	PILLBOX?? OR PILL() BOX??
S18	0	S8 AND S17
S19	0	S4 AND S17

13/26, TI/1 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014011684

WPI Acc No: 2001-495898/200154

Single piece flip top cap for container has base portion ring attached to pouring orifice of container and positioned below orifice when base is attached to container, flip top lid, and removable tamper proof ring coupled to ring and lid

13/26, TI/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013392457

WPI Acc No: 2000-564395/200052

Door cover hinged flip assembly for cellular phone, has integrally arranged hinge body and hinge ledge that are snapped into receptacle of partially assembled hinge base and plug against receptacle edge

13/26, TI/3 (Item 3 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010691620

WPI Acc No: 1996-188576/199619

Opening device for flip cap containers - which can be used to selectively open or close several containers simultaneously

?t13/7/2

13/7/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013392457 **Image available**

WPI Acc No: 2000-564395/200052

Door cover hinged flip assembly for cellular phone, has integrally arranged hinge body and hinge ledge that are snapped into receptacle of partially assembled hinge base and plug against receptacle edge

Patent Assignee: MOTOROLA INC (MOTI)

Inventor: GILBERT W A; SCHUELKE A M; STEINHOFF W S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6088240	A	20000711	US 9894865	A	19980615	200052 B

Priority Applications (No Type Date): US 9894865 A 19980615

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6088240	A	11	H04B-001/03	

Abstract (Basic): US 6088240 A

NOVELTY - Hinged flip assembly includes partially assembled hinge base that has a receiving **receptacle** (148) and a socket. Hinge pin (133) includes hinge ledge unit integrally protruding around periphery of one of opposite surfaces of its hinge body unit to allow the body unit to be pressed and snapped into the receiving **receptacle**. The ledge unit is adapted to plug against edge of the **receptacle**.

DETAILED DESCRIPTION - The hinge base comprises a door cover (120) having at least one wire terminated by a wire connector and having a hub to couple through at least one wire and the connector. A transducer (206) is arranged in the door cover and connected to at least one wire to communicate with circuitry in the hinge base through the wire connector. The hinge body unit has a side adjoining its opposite

surfaces and an aperture extending between the surfaces. A slot is cut into the side to be extending between the opposite surfaces.

USE - For cellular phone.

ADVANTAGE - The door **cover** **hinged** **flip** assembly is simpler to assemble.

DESCRIPTION OF DRAWING(S) - The figure shows the three dimensional view of disassembled door **cover** **hinged** **flip** assembly.

Door cover (120)

Hinge pin (133)

Receiving **receptacle** (148)

Transducer (206)

pp; 11 DwgNo 1/5

Derwent Class: W01

International Patent Class (Main): H04B-001/03

International Patent Class (Additional): H04M-001/03

16/26, TI/1 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013998453

WPI Acc No: 2001-482668/200152

A canister for ready-to-eat cereals, baking goods, detergents, de-icing salt pellets or other particulate products includes a top panel including a lid with an upper section separable by a partial cut demarcation line forming tabs

16/26, TI/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013860970

WPI Acc No: 2001-345182/200137

Traffic device to prevent 'ghost drivers' consists of box sunk into road surface, with hinged flip top cover pivoted upward when vehicles drives over it

16/26, TI/3 (Item 3 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013843476

WPI Acc No: 2001-327689/200134

Two pin connection system used in mobile communication device, has flip cover and housing connected such that electrical contact set of cover and housing is made or broken based on relative position of cover

16/26, TI/4 (Item 4 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013285601

WPI Acc No: 2000-457536/200040

Portable radio apparatus e.g. portable telephone, has flip lid and key top press portion provided at terminal portion of hinge and are molded as single piece

16/26, TI/5 (Item 5 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012193623

WPI Acc No: 1998-610536/199851

Integrated image scanner for reading multiple format data - has CCD element capturing image of one or two dimensional images or text and processor extracting and outputting codes or images

16/26, TI/6 (Item 6 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012178420

WPI Acc No: 1998-595331/199850

Flip cover and telephone body coupled by hinge for flip-type portable telephone - has coil spring between cam hinge and hinge cover to bias cam hinge, end of connection terminal has tensioner maintaining electrical conductive contact with conductive part of hinge during closing and opening of flip cover

16/26, TI/7 (Item 7 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011917342

WPI Acc No: 1998-334252/199830

Plastics bottle has screw- cap also incorporating hinged flip - cap
- contents can be accessed either using flip-cap or screw-cap action as preferred

16/26, TI/8 (Item 8 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011471888

WPI Acc No: 1997-449795/199742

Plastics soft drinks screw-cap bottle closure - has hinged flip cap
with air tube extending from bottle rim into neck of bottle, retains
especially carbon@ dioxide in soft drinks

16/26, TI/9 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

010772936

WPI Acc No: 1996-269889/199628

Method for forming hard packets esp. for cigarettes - includes message
bearing coupon being coupled to collar and both being then coupled, and
held in correct reciprocal position by suction, to group of cigarettes
before packet forming stage

16/26, TI/10 (Item 10 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009195849

WPI Acc No: 1992-323286/199239

Reagent bottle and cap for immunoassay test reagents - has flip-top cap
and meniscus breaking arrangement

16/26, TI/11 (Item 11 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007743082

WPI Acc No: 1989-008194/198902

Flip-top cigarette carton - is folded from one piece of card with reduced
width overlapping sides

16/26, TI/12 (Item 12 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

001534718

WPI Acc No: 1976-K7658X/197645

Hinged storage pocket mounted in car door - has flip-down cover with lock
to form shelf for picnic cups etc.

16/26, TI/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

001240151

WPI Acc No: 1975-C3939W/197509

**Dispensing pack for cigarettes - has raised platform to project goods
from open top**

16/26, TI/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

000666811

WPI Acc No: 1970-02945R/197003

**Cigarette packet of moulded plastics with integral - hinged flip -top
lid**

16/26, TI/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

000592523

WPI Acc No: 1968-27775Q/196800

Complex plastics press

16/26, TI/16 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2003 JPO & JAPIO. All rts. reserv.

06579700

PORTABLE RADIO EQUIPMENT

?t16/7/10

16/7/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009195849 **Image available**

WPI Acc No: 1992-323286/199239

**Reagent bottle and cap for immunoassay test reagents - has flip-top cap
and meniscus breaking arrangement**

Patent Assignee: ABBOTT LAB (ABBO)

Inventor: GRANDONE C J; HERCHENBACH S L; TYRANSKI J T

Number of Countries: 007 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5145646	A	19920908	US 91709725	A	19910603	199239 B
EP 521299	A2	19930107	EP 92108945	A	19920527	199301
CA 2069545	A	19921204	CA 2069545	A	19920526	199308
JP 5188059	A	19930727	JP 92141347	A	19920602	199334
EP 521299	A3	19930224	EP 92108945	A	19920527	199348

Priority Applications (No Type Date): US 91709725 A 19910603

Cited Patents: No-SR.Pub; DE 8705316; US 4687479; WO 8902399; WO 8907980

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

US 5145646	A		18	B01L-003/00	
------------	---	--	----	-------------	--

EP 521299	A2 E	21	G01N-035/02		
-----------	------	----	-------------	--	--

Designated States (Regional): DE ES FR IT

JP 5188059	A	15	G01N-035/04		
------------	---	----	-------------	--	--

CA 2069545	A		B65D-041/20		
------------	---	--	-------------	--	--

EP 521299	A3		B01L-003/00		
-----------	----	--	-------------	--	--

Abstract (Basic): US 5145646 A

Reagent bottle used in immunoassay tests has an open neck with male threaded portion (250) for a threaded **cap** (252) with **hinged flip** top (254). Integral brackets (258) form a bi-stable spring acting as over-centre bias spring. The cap has a reduced V-section (262, 264), with bracket (258) as over-centre spring for holding the cap open. An integral moulded cross pattern (270) allows centring of an instrument probe. A cylindrical core (272) is highly polished to shed liquids and an annular wiper (292) extends from the bottle neck.

ADVANTAGE - Minimises evapn., permits extraction of max. amt. of fluid.

Dwg. 21/21

Derwent Class: B04; J04; Q33

International Patent Class (Main): B01L-003/00; B65D-041/20; G01N-035/02;
G01N-035/04

International Patent Class (Additional): B01J-004/02; B65D-039/00;
B65D-041/28; B65D-047/08; B65D-051/42

File 348:EUROPEAN PATENTS 1978-2003/Jan W05

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	0	(HINGED OR PUSH OR PRESS) (2W) FLIP() (LID OR LIDS)
S2	247959	CONTAINER? ? OR RECEPTACLE? ? OR HOLDER? ?
S3	248723	CIRCULAR OR ROUND
S4	2115	(DOUGHNUT OR DONUT) () SHAPE? ?
S5	77347	UNITARY OR (ONE OR SINGLE) () PIECE
S6	82900	CIRCUMFERENTIAL??
S7	546498	OPEN???
S8	114	(HINGE? ? OR PUSH OR PRESS) (2W) FLIP
S9	491079	LID OR LIDS OR CAP OR CAPS OR COVER???? OR CLOSURE? ?
S10	3393	S3:S4 (3N) S2
S11	1496	S5 (3N) S2
S12	0	S10 (S) S11 (S) S8 (5N) S9
S13	43	S8 (5N) S9
S14	11	S2 (S) S13
S15	0	S3:S4 (S) S5 (S) S14

14/6/1 (Item 1 from file: 348)
00759884

MODULAR STORAGE AND DISPLAY DEVICE

BAUSTEINARTIGES LAGER-UND ANZEIGEELEMENT

DISPOSITIF MODULAIRE DE RANGEMENT ET PRESENTOIR

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200019	1397
CLAIMS B	(German)	200019	1409
CLAIMS B	(French)	200019	1624
SPEC B	(English)	200019	4143
Total word count - document A			0
Total word count - document B			8573
Total word count - documents A + B			8573

14/6/2 (Item 2 from file: 348)
00399900

Container wrapper with integral tear tape, and methods and apparatus for making same.

Behälter-Einwickler mit integriertem Aufreissstreifen und Verfahren und Vorrichtung zur Herstellung.

Enveloppe d'emballage avec bande a déchirer integree et procede et dispositif pour faire celle-ci.

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1090
CLAIMS B	(German)	EPBBF1	935
CLAIMS B	(French)	EPBBF1	993
SPEC B	(English)	EPBBF1	2462
Total word count - document A			0
Total word count - document B			5480
Total word count - documents A + B			5480

14/6/3 (Item 3 from file: 348)
00399762

Freshness-preserving container.

Frischhaltebehälter.

Recipient preservant la fraîcheur.

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1548
CLAIMS B	(German)	EPBBF1	1024
CLAIMS B	(French)	EPBBF1	1242
SPEC B	(English)	EPBBF1	1753
Total word count - document A			0
Total word count - document B			5567
Total word count - documents A + B			5567

14/6/4 (Item 4 from file: 348)
00267050

Storage and dispensing package including a self-sealing dispensing valve.

Lagerungs- und Spenderverpackung mit selbstdichtendem Ventil.

Emballage pour l'emmagasinage et la distribution comprenant une soupape a obturation automatique.

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	4341
CLAIMS B	(German)	EPBBF1	1175
CLAIMS B	(French)	EPBBF1	1483
SPEC B	(English)	EPBBF1	9091

Total word count - document A 0
Total word count - document B 16090
Total word count - documents A + B 16090

14/6/5 (Item 1 from file: 349)
00825520 **Image available**
**PACKAGE FOR ARTICLES COMPRISING AN ASSOCIATED COMPACT DISC AND METHOD OF
PACKAGING THE ARTICLES**
**EMBALLAGE POUR ARTICLES COMPORTANT UN DISQUE COMPACT ET PROCEDE D'EMBALLAGE
DE CES ARTICLES**
Publication Language: English
Filing Language: English
Fulltext Availability: ..
Detailed Description
Claims
Fulltext Word Count: 1954
Publication Year: 2001

14/6/6 (Item 2 from file: 349)
00532960 **Image available**
CLOSURE WITH DUAL HINGE MEANS
CAPSULE DE FERMETURE A DOUBLE CHARNIERE
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 3442
Publication Year: 1999

14/6/7 (Item 3 from file: 349)
00427963 **Image available**
CONTAINER FOR DRINKS AND MEDICATION
RECIPIENT POUR BOISSONS ET MEDICAMENTS
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 3949
Publication Year: 1998

14/6/8 (Item 4 from file: 349)
00327044 **Image available**
DEVICE FOR OPENING FLIP CAP CONTAINERS
DISPOSITIF D'OUVERTURE DE CONTENANTS A COUVERCLE A CHARNIERE
Publication Language: German
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 5523
Publication Year: 1996

14/6/9 (Item 5 from file: 349)
00322149 **Image available**
MODULAR STORAGE AND DISPLAY DEVICE
DISPOSITIF MODULAIRE DE RANGEMENT ET PRESENTOIR
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 7714
Publication Year: 1996

14/6/10 (Item 6 from file: 349)
00283772 **Image available**
PHARMACEUTICAL CONTAINER
RECIPIENT POUR PRODUITS PHARMACEUTIQUES
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 4943
Publication Year: 1995

14/6/11 (Item 7 from file: 349)
00266419 **Image available**
CLOSURE FOR DISPENSING PRODUCE FROM A CONTAINER
BOUCHON PERMETTANT DE DEVERSER UNE SUBSTANCE D'UN RECIPIENT
Publication Language: English
Fulltext Availability:
Detailed Description
Claims
Fulltext Word Count: 8492
Publication Year: 1994
?t14/3,k/3,6,10

14/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00399762

Freshness-preserving container.
Frischhaltebehälter.
Recipient preservant la fraîcheur.
PATENT ASSIGNEE:

Philip Morris Products Inc., (979110), 3601 Commerce Road, Richmond
Virginia 23234, (US), (applicant designated states:
AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;NL;SE)

INVENTOR:

Moeller, Robert E., 255 McKinley Avenue, New Milford, New Jersey 07646,
(US)

LEGAL REPRESENTATIVE:

Marlow, Nicholas Simon et al (52991), Reddie & Grose 16, Theobalds Road,
London WC1X 8PL, (GB)

PATENT (CC, No, Kind, Date): EP 392737 A1 901017 (Basic)
EP 392737 B1 931006

APPLICATION (CC, No, Date): EP 90303622 900404;

PRIORITY (CC, No, Date): US 336418 890411

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: B65D-005/66;

ABSTRACT WORD COUNT: 167

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1548
CLAIMS B	(German)	EPBBF1	1024
CLAIMS B	(French)	EPBBF1	1242
SPEC B	(English)	EPBBF1	1753
Total word count - document A			0
Total word count - document B			5567
Total word count - documents A + B			5567

...SPECIFICATION made from a paperboard blank and designed to preserve the
freshness of its contents.

Hinged lid containers such as FLIP -TOP(R) boxes are commonly
used to contain a variety of products, including tobacco products...

...they are exposed. Therefore, it is common to provide a cellophane wrapper around such a **container**, or to **provide** an internal plastic bag inside the box, which remains sealed and air-tight until the **container** is opened.

Although techniques have been developed for at least partially reclosing a container of this type which...

14/3,K/6 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00532960 **Image available**

CLOSURE WITH DUAL HINGE MEANS
CAPSULE DE FERMETURE A DOUBLE CHARNIERE

Patent Applicant/Assignee:

CROWN CORK & SEAL TECHNOLOGIES CORPORATION,

Inventor(s):

HIERZER Valentin,

HESSEL Brian,

DORSCH Eugene,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9964312 A1 19991216

Application: WO 99US12583 19990604 (PCT/WO US9912583)

Priority Application: US 9893290 19980608

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU

TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG

CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 3442

Fulltext Availability:

Detailed Description

Detailed Description

... fluid must be ejected through the aperture under pressure by, for example, squeezing the fluid **container**, to direct a stream of the fluid into the mouth. This squeezing action may cause fatigue or other undesirable I 0 stresses on the **container**. Additionally, the effectiveness of the squeezing action may be reduced as the level of fluid in the **container** decreases. Further, the **hinge** of the **flip**-type **lid** permits only limited rotation of the lid. Thus, a person attempting to drink the fluid...

14/3,K/10 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00283772 **Image available**

PHARMACEUTICAL CONTAINER
RECIPIENT POUR PRODUITS PHARMACEUTIQUES

Patent Applicant/Assignee:

DALLAS BURSTON ASHBOURNE LIMITED,

BURSTON Dallas,

Inventor(s):

BURSTON Dallas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9501920 A1 19950119

Application: WO 94GB1490 19940708 (PCT/WO GB9401490)

Priority Application: GB 9314472 19930709

Designated States: AT AU BG BR CA CH CN CZ DE DK ES FI GB HU JP KP KR LU NL

NO NZ PL PT RO RU SE SK UA US AT BE CH DE DK ES FR GB GR IE IT LU MC NL

PT SE

Publication Language: English

Fulltext Availability:

Detailed Description

Detailed Description

... a generally rectangular profile - which facilitates grip, and affords a mechanical advantage when turning the **container** ;
11 a side **hinged** (**flip** -top) **lid** - with a lateral lip which facilitates
prising open the lid and provides attendant mechanical advantage...

...collar;

V end hinging or pivoting of the lid about a position remote from the **container** axis and opposite to lifting end - providing an attendant mechanical advantage in prising open the...

...VI integral moulding of the lid and entrainment collar;

VII discrete base insert - enabling rapid **container** filling when inverted, before insertion of the base element;

VIII base storage region - at the underside of the **container** bottom
4

SUBSTITUTE SHEET (RULE 26)

or floor is a supplementary recess into which a...

...Ix improved internal seal and thus moisture vapour transmission (MVT) inhibition performance (thus preserving the **container** contents against degradation), without attendant stiffness in lid removal; ...lid promoting resistance to ultra violet (UV) light penetration (and thus again helping preserve the **container** contents against degradation).

Dealing with these various aspects individually in turn.

FlIpaTop Lid

The lid...

File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123
(c) 2003 WIPO/Univentio

Set	Items	Description
S1	1	CHEERIOS (3N) CONTAINER? ?

1/3,K/1
DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00934431 **Image available**

PORTABLE FOOD CONTAINER HAVING SEPARATE COMPARTMENTS
RECIPIENT ALIMENTAIRE PORTABLE CONSTITUE DE COMPARTIMENTS SEPARES

Patent Applicant/Assignee:

BREAKFAST IN A BOTTLE L L C, 7710 128th Street West, Apple Valley, MN
55124, US, US (Residence), US (Nationality), (For all designated states
except: US)

Patent Applicant/Inventor:

NESS Richard B, 7710 128th Street West, Apple Valley, MN 55124, US, US
(Residence), US (Nationality), (Designated only for: US)
SUTHERLAND Daniel M, 1306 Tiller Lane, Arden Hills, MN 55112, US, US
(Residence), US (Nationality), (Designated only for: US)
FREED Robert C, 49 South Deep Lake Road, North Oaks, MN 55127, US, US
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

SHERRILL Michael S (agent), Sherrill Law Offices, 4756 Banning Avenue,
Suite 212, White Bear Lake, MN 55110, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200268275 A2-A3 20020906 (WO 0268275)
Application: WO 2002US2980 20020122 (PCT/WO US0202980)
Priority Application: US 2001263325 20010122

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9631

Fulltext Availability:

Detailed Description

Detailed Description

... 50) at Target. On a typical school day,

- 19

the oldest child fills her food **container** with **Cheerios** and 2% milk
and
enjoys her breakfast in her bedroom while getting ready for school...on
the weekend where
he orders a favorite coffee drink, as well as, a food **container** filled
with **Cheerios** and 1% milk.

For example, a person fills her food container with fruit and
liquid...

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200307
(c) 2003 Thomson Derwent
File 344:Chinese Patents Abs Aug 1985-2002/Dec
(c) 2003 European Patent Office
File 347:JAPIO Oct 1976-2002/Sep(Updated 030102)
(c) 2003 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	5	AU='BARNES R C'
S2	17	AU='FISHER S L'
S3	17	AU='SCOTT D A'
S4	7	AU='JOCHEM D' OR AU='JOCHEM D J'
S5	0	S1 AND S2 AND S3 AND S4
S6	46	S1:S4
S7	525685	CONTAINER? ?
S8	8	S6 AND S7

8/26, TI/2 (Item 2 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

013392966

WPI Acc No: 2000-564904/200052

Tamper-resistant cap for a container

8/26, TI/3 (Item 3 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012999373

WPI Acc No: 2000-171225/200015

Aerosol dispenser has push-button mounted initially in cap preventing inadvertent discharge during assembly

8/26, TI/4 (Item 4 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

012103182

WPI Acc No: 1998-520094/199844

Refrigerated instant omelet-mix storage method - involves aseptically sealing liquid egg product in egg container which maintains egg at consumable condition for longer period under refrigerated storage and positioning it inside lower container

8/26, TI/5 (Item 5 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

011525798

WPI Acc No: 1997-502284/199746

Package for storing and cooking omelette - liquid egg and omelette inlay ingredients are separately packaged within container in which they may be mixed and cooked by microwave

8/26, TI/6 (Item 6 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

009870233

WPI Acc No: 1994-150129/199418

Child-resistant container lid - has pair of lid guides inclined on rim to position leading edge of lid

8/26, TI/7 (Item 7 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

007736720

WPI Acc No: 1989-001832/198901

Nestable food storage container - has lid recessed into and supported on ledge of base with each having mating ledges forming seal

8/26, TI/8 (Item 8 from file: 350)
DIALOG(R) File 350: Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

004333992

WPI Acc No: 1985-160870/198527

Harvester for sugar cane - has cutter disc(s) adjacent open end of cut
cane top receptacle, to cut cane tops from stalks
?t8/7/1

8/7/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2003 Thomson Derwent. All rts. reserv.

014131693 **Image available**
WPI Acc No: 2001-615904/200171

Closure for open mouth of container in form of hinged lid assembly
molded in die, includes lid frame e.g. made of plastics material, and
connector e.g. made from plastics film substrate, to form living hinge
Patent Assignee: COMBE R L (COMB-I); JOCHEM D J (JOCH-I); WILLETT T L
(WILL-I)

Inventor: COMBE R L; JOCHEM D J ; WILLETT T L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010035424	A1	20011101	US 2000196871	A	20000412	200171 B
			US 2001268996	A	20010215	
			US 2001833948	A	20010412	

Priority Applications (No Type Date): US 2001833948 A 20010412; US
2000196871 P 20000412; US 2001268996 P 20010215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010035424	A1	14	B65D-043/16		Provisional application US 2000196871 Provisional application US 2001268996

Abstract (Basic): US 20010035424 A1

NOVELTY - The closure includes a rim (16) and a lid frame (20) that
mates with the rim. The rim includes an opening and is adapted to be
coupled to a top edge of the open mouth of the **container**. The closure
further includes a connector having a cover portion coupled to the lid
frame in order to form a lid and a hinge portion coupled to the rim.
The lid frame is made of a plastics material, and the connector is made
of a plastic film substrate. The connector is provided to support the
lid for pivotable movement relative to the rim between a closed and an
opened position.

DETAILED DESCRIPTION - The thickness of the plastic film substrate
is approximately 40-60 microns. The plastic film substrate includes
molecules forming a unidirectional pattern. INDEPENDENT CLAIMS are
included for a method of coupling a lid frame to a rim.

USE - As a closure with a living hinge.

ADVANTAGE - Simplifies manufacture.

DESCRIPTION OF DRAWING(S) - The drawing shows a perspective view of
a hinged lid assembly mounted on a top edge of a **container**.

Rim (16)

Lid frame (20)

pp; 14 DwgNo 1/22

Derwent Class: Q33

International Patent Class (Main): B65D-043/16

File 348:EUROPEAN PATENTS 1978-2003/Jan W05

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123

(c) 2003 WIPO/Univentio

Set	Items	Description
S1	2	AU='SCOTT DONALD':AU='SCOTT DONALD ALAN'
S2	2	AU='JOCHEM DAVID'
S3	0	S1 AND S2
S4	4	S1:S2

4/6/2 (Item 2 from file: 348)

00147326

Improvements in or relating to sugar cane harvesters.

Zuckerrohrerntemaschine.

Recolteuse de canne a sucre.

LANGUAGE (Publication,Procedural,Application): English; English; English

4/6/3 (Item 1 from file: 349)

00968364

CENTRIFUGAL CASTING OF NICKEL BASE SUPERALLOYS WITH IMPROVED SURFACE
QUALITY, STRUCTURAL INTEGRITY AND MECHANICAL PROPERTIES IN ISOTROPIC
GRAPHITE MODULS UNDER VACUUM

COULEE PAR CENTRIFUGATION DE SUPERALLIAGES A BASE DE NICKEL A QUALITE DE
SURFACE, INTEGRITE ET PROPRIETES MECANQUES AMELIOREES DANS DES MODULES
EN GRAPHITE ISOTROPES SOUS VIDE

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6903

Publication Year: 2002

4/6/4 (Item 2 from file: 349)

00540559 **Image available**

DISPENSER APPARATUS

APPAREIL DISTRIBUTEUR

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 5917

Publication Year: 2000

?t4/3,ab/1,4

4/3,AB/1 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01131153

DISPENSER APPARATUS

AUSGABEVORRICHTUNG

APPAREIL DISTRIBUTEUR

PATENT ASSIGNEE:

Berry Plastics Corporation, (2712681), 101 Oakley Street, P.O. Box 959,
Evansville, IN 47706, (US), (Applicant designated States: all)

INVENTOR:

Kaufman, Brett, 4733 Woods Tower Drive, Newburgh, IN 47630, (US)

Jochem, David , 2520 Camel Court, Evansville, IN 47720, (US)

LEGAL REPRESENTATIVE:

Croston, David et al (83831), Withers & Rogers, Goldings House, 2 Hays
Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 1121307 A1 010808 (Basic)

WO 200003932 000127

APPLICATION (CC, No, Date): EP 99935632 990716; WO 99US16124 990716

PRIORITY (CC, No, Date): US 93130 P 980716

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;

LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: B65D-083/00

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

4/3,AB/4 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT
(c) 2003 WIPO/Univentio. All rts. reserv.

00540559

DISPENSER APPARATUS

APPAREIL DISTRIBUTEUR

Patent Applicant/Assignee:

KAUFMAN Brett,
JOCHEM David,

Inventor(s):

KAUFMAN Brett,
JOCHEM David

Patent and Priority Information (Country, Number, Date):

Patent: WO 200003932 A1 20000127 (WO 0003932)

Application: WO 99US16124 19990716 (PCT/WO US9916124)

Priority Application: US 9893130 19980716

Designated States: CA AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 5917

English Abstract

A dispenser apparatus (63) includes a can (12), a discharge valve (18) coupled to the can (12) and configured to discharge pressurized fluid in the can (12), and a cap (14) coupled to the can (12). The dispenser apparatus (63) further includes a button (16) adapted to be coupled to the discharge valve (18). The cap (14) is configured to support the button (16) initially in a predetermined position above the discharge valve (18) until a user moves the button (16) relative to the can (12) to actuate the discharge valve (18) for the very first time.